

Converting Colors

Hex(331413)

Have a look what the booklet for
Hex(331413) contains.

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Color

Hex(331413)

Conversions

Conversions Part 1

Format	Color
Hex	331413
RGB	51, 20, 19
RGB Percent	20%, 8%, 7%
CMY	0.8000, 0.9216, 0.9255
CMYK	0.00, 0.61, 0.63, 0.80
HSL	2°, 46%, 14%
HSV	2°, 63%, 20%
XYZ	1.7329, 1.2511, 0.7663
YIQ	29.1550, 18.7970, 6.2610

Conversions

Conversions Part 2

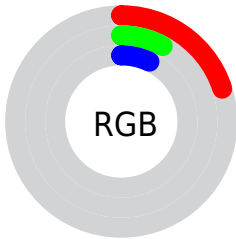
Format	Color
R_{YB}	51, 20, 19
Decimal	3347475
CIE Lab	10.93, 15.52, 7.88
CIE LCh	11, 17.411, 26.924
Yxy	1.2511, 0.4621, 0.3336
Android (android.graphics.Color)	4281537555 (0xFF331413)
YUV	29.1550, -5.0064, 19.1581
Hunter-Lab	11.1854, 8.0802, 3.7682

Details

The Hex color **331413** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **133233**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **643F3D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **330F0E**, and if you desaturate by 10%, it is **331918**.

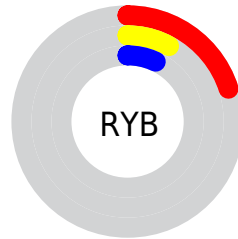
Distribution



Red (20%)

Green (8%)

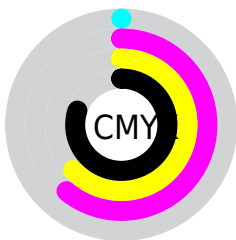
Blue (7%)



Red (20%)

Yellow (8%)

Blue (7%)

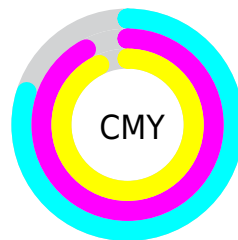


Cyan (0%)

Magenta (61%)

Yellow (63%)

Black (80%)



Cyan (80%)

Magenta (92%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 331413 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 331413 by changing the saturation by 10% instead.

 331413

 331413

 FFF7F3

 1F0000

 643F3D

 000000

 7D5754

 986F6D

 B38986

 CFA3A0

 EBBEBB

 FFDAD7

 331413

 331413

■ 330F0E

■ 331918

■ 330A09

■ 331E1D

■ 330504

■ 332322

■ 330200

■ 332827

■ 332D2D

■ 333232

■ 333737

■ 333C3C

■ 334041

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32131F



331413



2F1805

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



331413



0B220F



021F35

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



331413



133233

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



002231



331413



00231C

Square

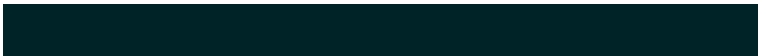
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



331413



1B2001



002328



1C1B32

Rectangle

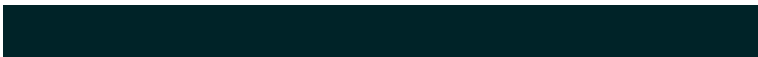
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



331413



2A1B00



002328



002034

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



331413



423636



331332



211A1A



A1A1A1



212121

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



331413



421211



332413



1A1717



590300



D90700

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



133233



114142



132233



17191A



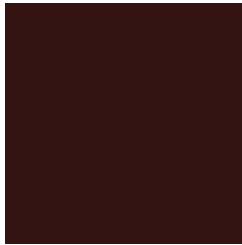
005659



00D2D9

Previews

White Background



This preview shows how the Hex color 331413 looks on a white background.

Color Contrast Check

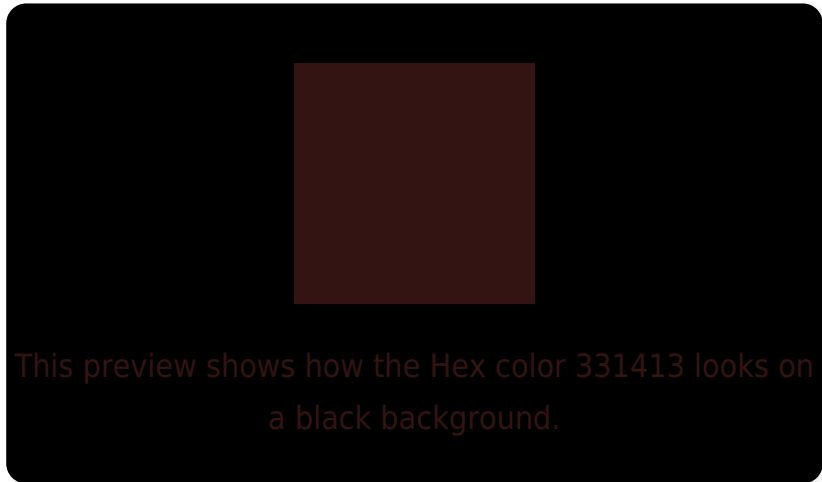
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 331413 Background



This preview shows how black text looks on a background with the Hex color 331413.



This preview shows how white text looks on a background with the Hex color 331413.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

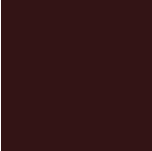
Dichromacy



Original Color
331413

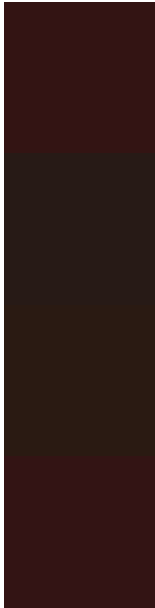
Protanopia
201E17

Deuteranopia
251D11



Tritanopia
331415

Trichromacy



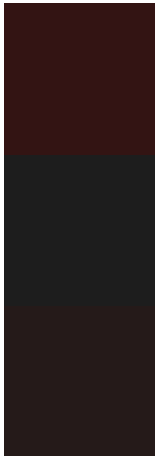
Original Color
331413

Protanomaly
271A16

Deuteranomaly
2A1A12

Tritanomaly
331414

Monochromacy



Original Color
331413

Achromatopsia
1D1D1D

Achromatomaly
251A19

CSS Examples

Text

The CSS property to change the color of the text to Hex 331413 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #331413 looks like.

```
.text, #text, p{  
    color:#331413  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #331413 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #331413
}
```

Border

The CSS property to change the border of an element to Hex 331413 is called "border". The border property can be set on classes, ids or directly on the HTML element.

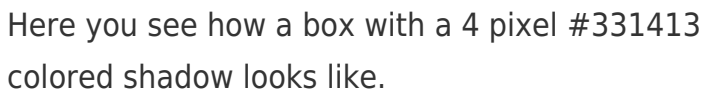
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#331413 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#331413 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #331413 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #331413; -webkit-box-shadow:4px 4px  
4px 4px #331413; box-shadow:4px 4px 4px  
4px #331413 }
```

Background

The CSS property to change the background color of an element to Hex 331413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#331413 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#331413 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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